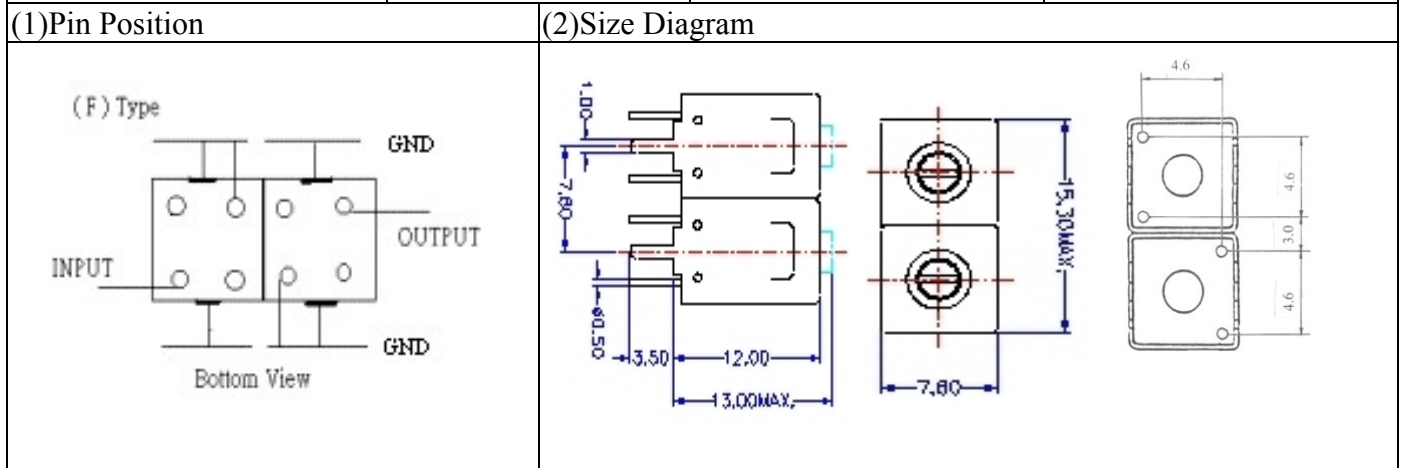


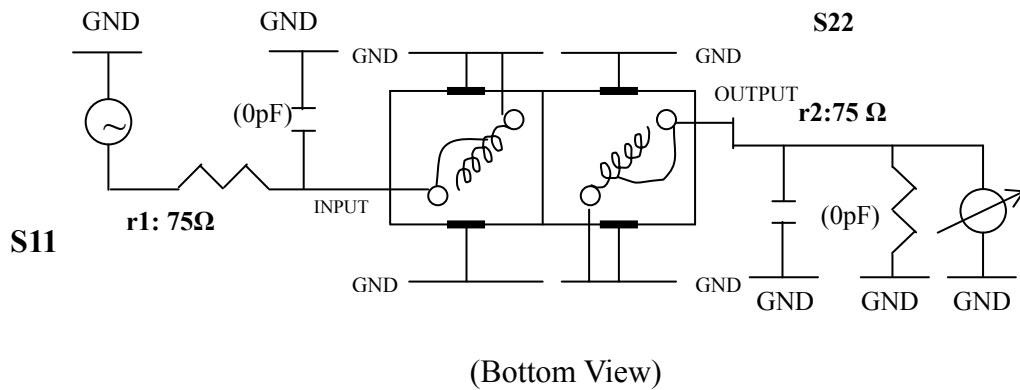
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDL6263F-741.25M
Approval No. /dated	0612098APR	Acceptable Specify Fo Range	701~750 MHZ
Work Instruction No.	0612098DC	Date	Dec.29.2006



(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	741.25 MHz	741.25 MHz	
Tunable Range	741.25±5 MHz	741.25±5 MHz	
Insertion Loss	Typ. 4.5 dB	3.61 dB	
-3 dB Bandwidth	Typ. 7 MHz	10.6 MHz	
Sensitivity (Attenuation)	Fo - 20 MHz	Typ. 20 dB	23 dB
	Fo + 20 MHz	Typ. 15 dB	18 dB
	Fo - ()MHz	Typ. dB	dB
	Fo +()MHz	Typ. dB	dB
Return Loss	Min. 12 dB	20.5 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 75 Ω	In / Out : 75 Ω	
(4) Torque for Tuning Screw			
		> 100gf · cm	
(5) Temperature Condition:			
Operating Temperature	0°C ~ +60°C		
Storage Temperature	-20°C ~ +70°C		
(6) Input Power			
		> 1Watt	

(7) Measuring Circuit: ※Easy to match Impedance 75Ωby parallel with about (0) pF.

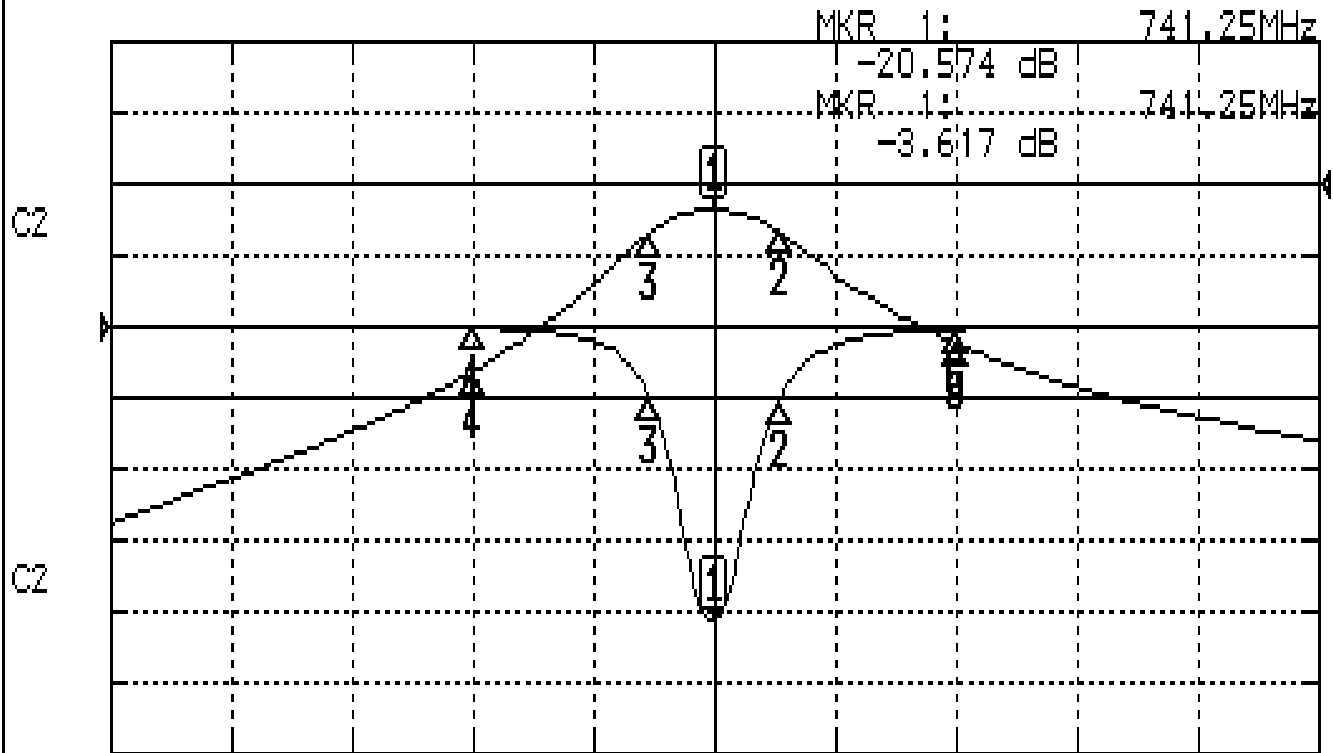


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	P.H.Chiang	7H2(4*4.5)F 7H046LB4 聚 3
TEMWELL CORPORATION			

Performance-TDL6263F-741.25M

0612098DC

CH1 S11 LOG MAG REF 0.000 dB 5.000 dB/
CH2 S21 LOG MAG REF 0.000 dB 10.000 dB/



CENTER 741.25MHz

[10.00 dBm]

SPAN 100MHz

CH1 MARKER LIST

1:	741.250MHz	-20.574 dB
2:	746.583MHz	-5.214 dB
3:	735.916MHz	-4.980 dB
4:	721.250MHz	-0.076 dB
5:	761.250MHz	-0.160 dB

CH2 MARKER LIST

1:	741.250MHz	-3.617 dB
2:	746.583MHz	-6.664 dB
3:	735.916MHz	-6.696 dB
4:	721.250MHz	-26.272 dB
5:	761.250MHz	-22.388 dB